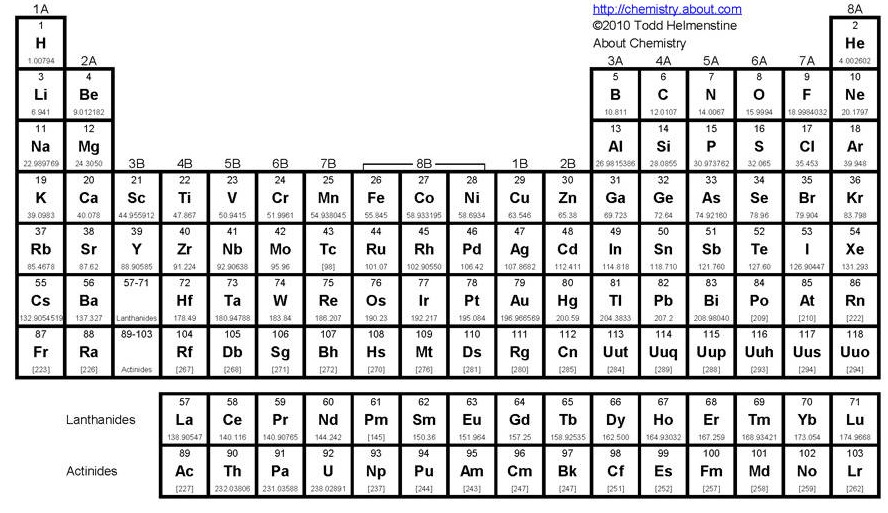
**Metals – Pink Non-Metals - Blue  
Alkali Metals – Black Dots Halogens – Small Brown Circles  
Alkaline Earth Metals – Horizontal Lines Noble Gases –Small Brown Squares   
Transition Metals – Diagonal Lines Black Zigzag– Line Separates Metals/Non-metals  
Metalloids – Dark Green Lanthanides – Red  
Actinides – Lime Green**

**Periods:**

* vertical rows
* become less metallic as you go to the right

**Groups/Families:**

* grouped based on chemical properties
* given a specific name
* elements in each family react differently with other elements

**Alkali Metals**

* soft and silvery
* very reactive with water
* conduct electricity

**Alkaline Earth Metals**

* malleable
* reactive
* conduct electricity

**Transition Metals**

* conduct heat and electricity
* some are used for jewelry
* can bond with many elements in a variety of shapes

**Halogens**

* non-metals
* very reactive

**Noble Gases**

* gases
* non-metal
* not reactive with other elements

**Rare Earth Metals**

* some are radioactive (emits energy from being unstable)
* conduct electricity